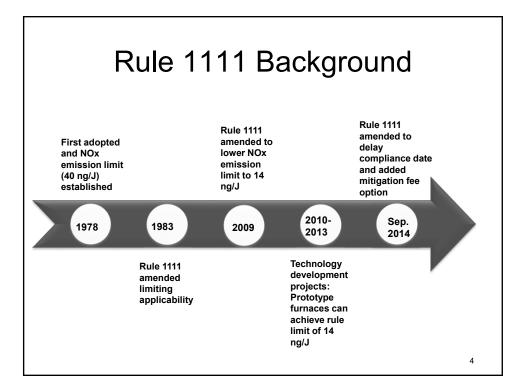
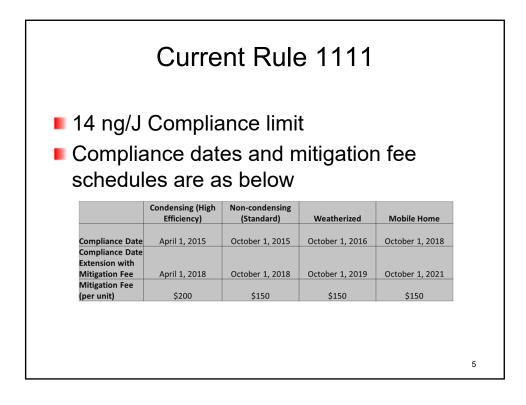


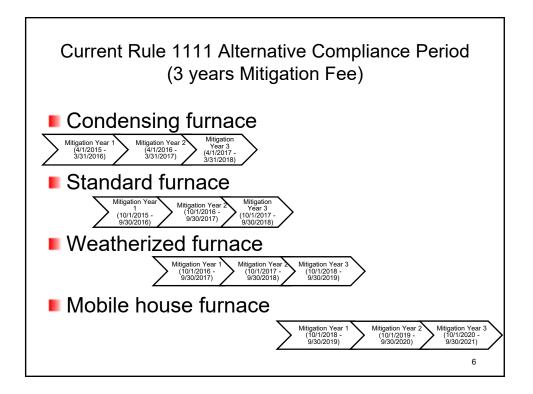
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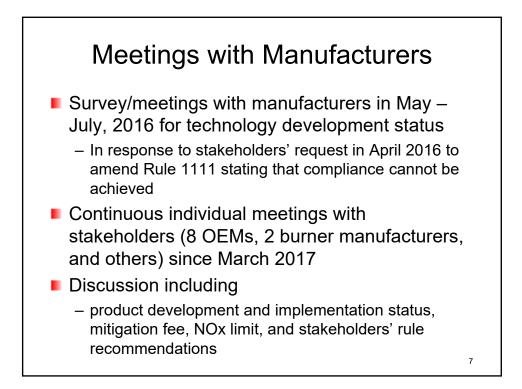


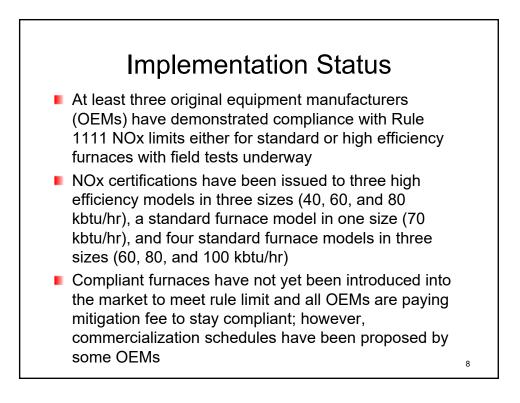
- Applies to residential and commercial natural gas-fired fan-type central furnaces
- Regulates manufacturers, distributors, sellers and installers of these units
- NOx emission reductions needed to achieve compliance with the ambient air quality standards

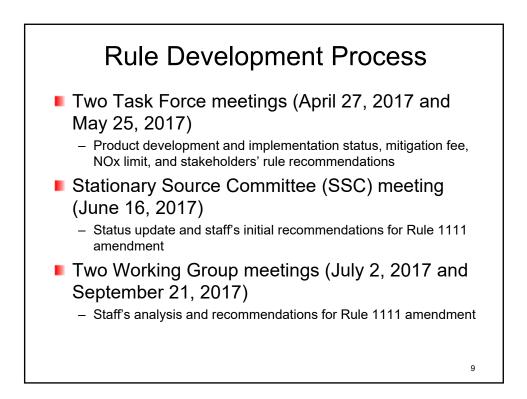


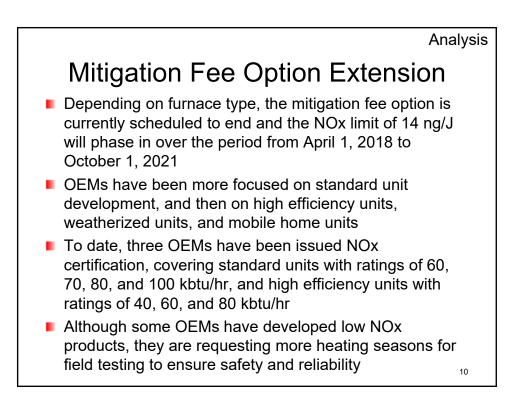










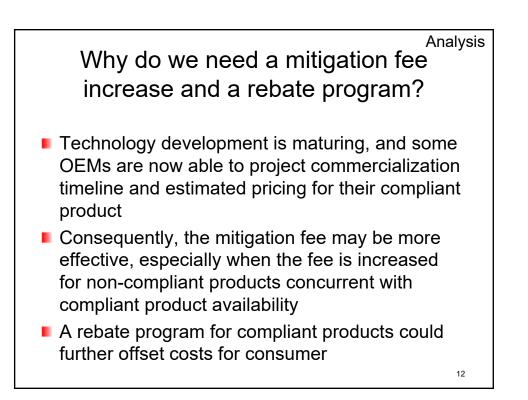


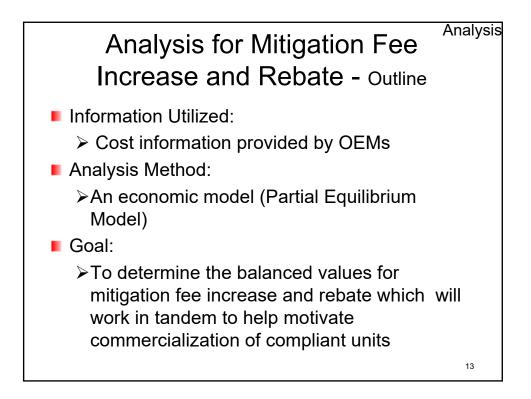


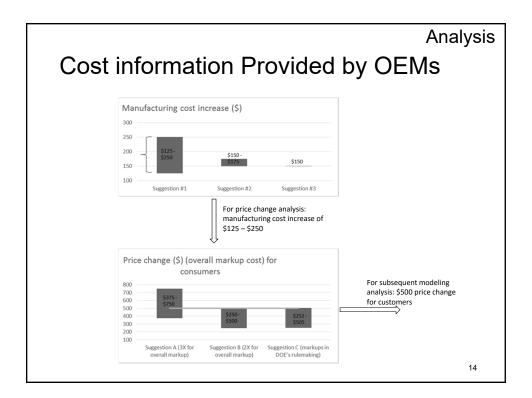
11

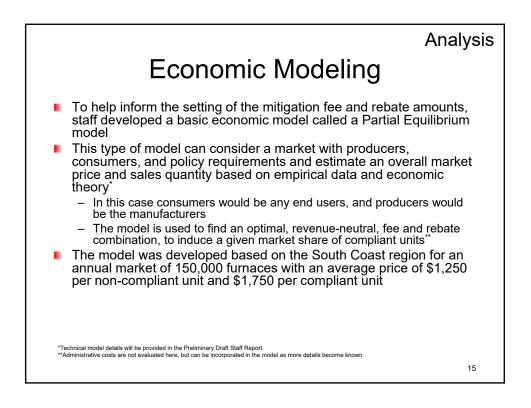
## **Current Mitigation Fee**

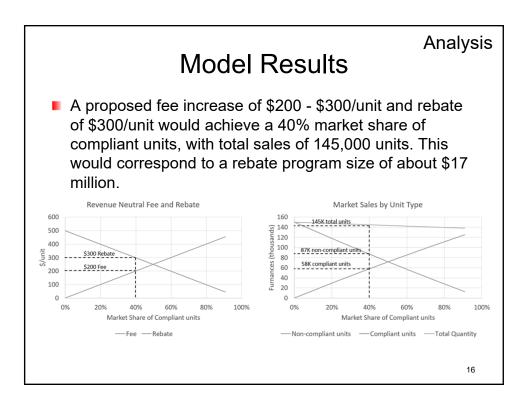
- The current mitigation fee is \$200 for each condensing furnace and \$150 for each noncondensing, weatherized and mobile home furnace distributed or sold into the SCAQMD
- All OEMs have been paying the mitigation fee
- Since there are no compliant products available, fee did not act to even out costs nor motivate product commercialization

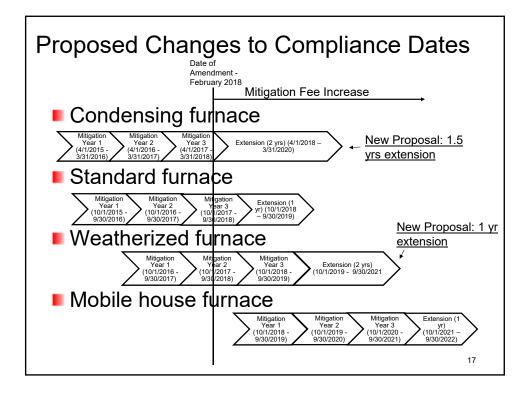


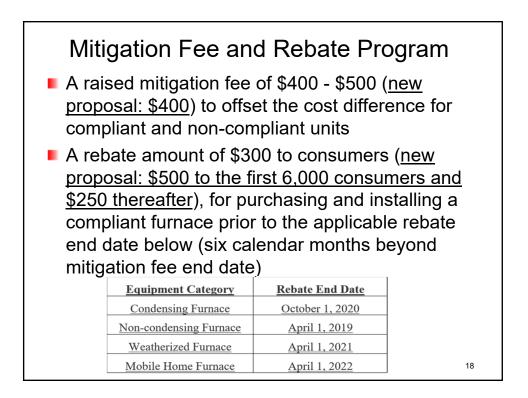












## Summary of Staff's Proposal for PAR 1111

## Maintain the 14 ng/J NOx limit but with the following mitigation fee extension:

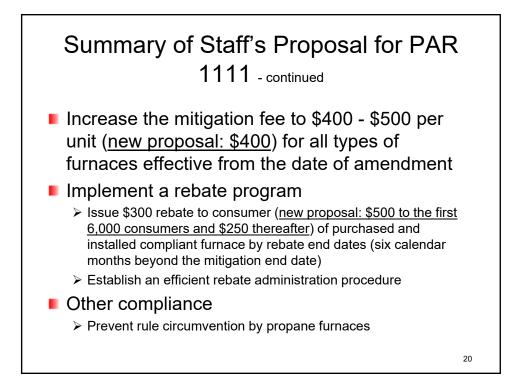
(Previous Proposal)

- > Condensing (High Efficiency): 2 years (April 2020)
- > Non-condensing (Standard): 1 year (October 2019)
- Weatherized: 2 years (October 2021)
- Mobile Home: 1 year (October 2022)

## (New Proposal)

- Condensing (High Efficiency): 1.5 years (October 2019)
- Non-condensing (Standard): 1 year (October 2019)
- ➢ Weatherized: 1 year (October 2020)
- Mobile Home: 1 year (October 2022)

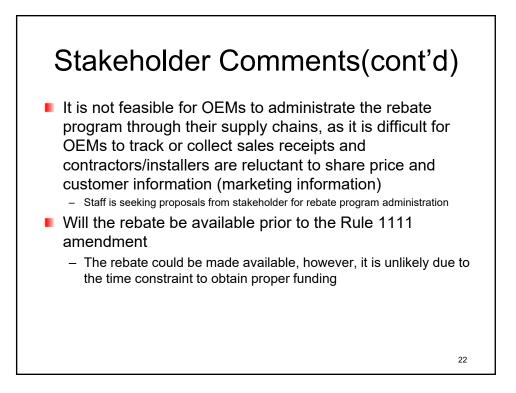
19

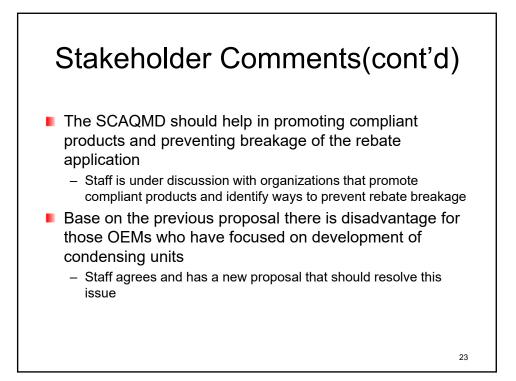


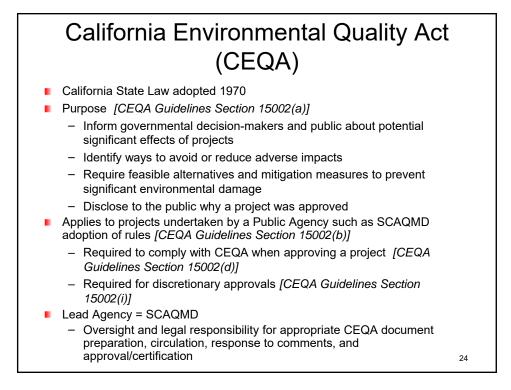


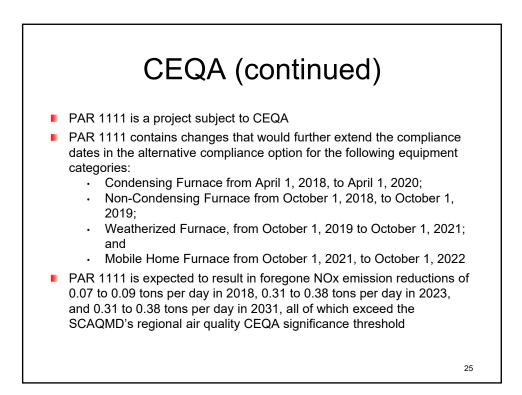
- The safety and reliability issues prevent commercialization
  - For gas furnaces with new technology, OEMs conduct extensive internal lab testing, as well as field testing, to ensure safety and reliability; OEMs with compliant products are confident with the safety and reliability of their products; One of the OEMs has indicated that they will have a compliant product commercially available prior to the 2017 winter season
- For mitigation fee increase, the potential date of amendment (Public Hearing on 2/2/2018) is near the end of mitigation fee option for condensing units; OEMs need assurance that the extension will happen to ensure supply especially for condensing units
  - Staff may consider to issue a memorandum to OEMs to ensure the extension of consenting furnaces
- Mobile home units are considered a small market and staff should consider not increasing their mitigation fee
  - Although this product is a small market there still must be mechanisms in place to motivate installation of compliant units

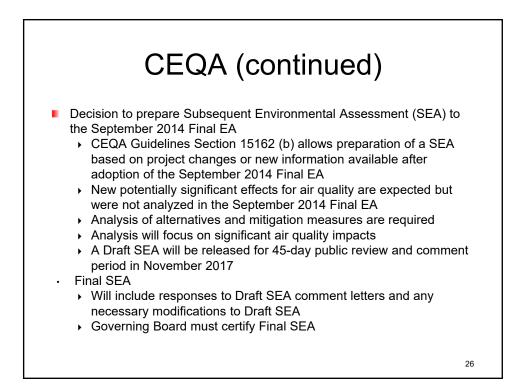


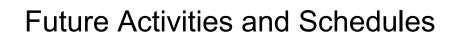




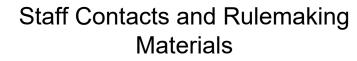








- Continue individual stakeholder meetings
- Written comments on this rule should be submitted by November 2, 2017
- Working Group meetings November, 2017; January, 2018
- Stationary Source Committee meeting November 17, 2017
- Public Hearing February 2, 2018



- Rule Development
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- CEQA
  - > Barbara Radlein, <u>bradlein@aqmd.gov</u>, (909)396-2716
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- Socioeconomic Assessment
  - Shah Dabirian, sdabirian@aqmd.gov, (909)396-3076
  - > Anthony Oliver, aoliver@aqmd.gov, (909) 396-2851
- PAR 1111 Materials available online:
  - http://www.aqmd.gov/home/regulations/rules/proposed-rules

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